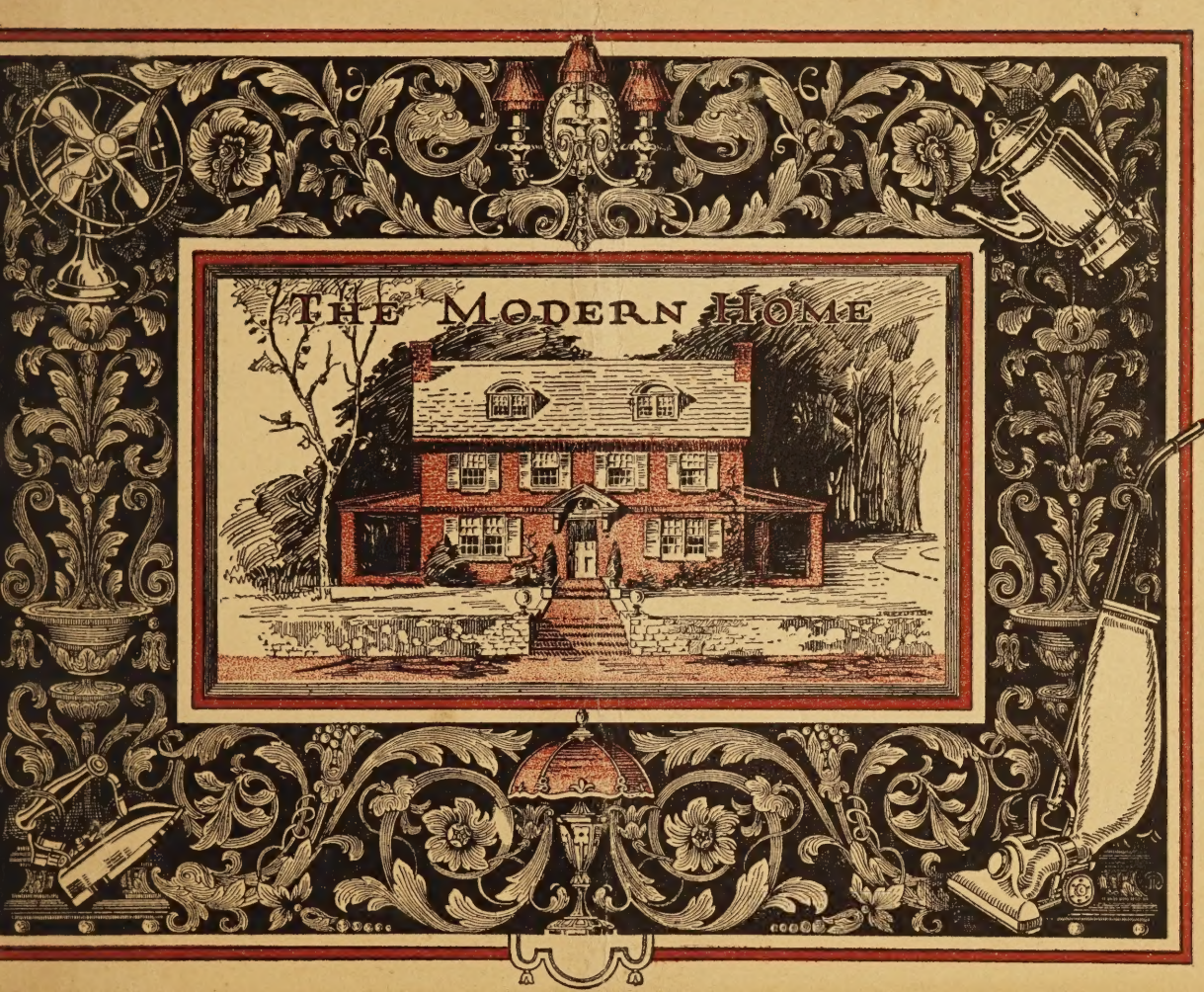
THE MODERN HOME

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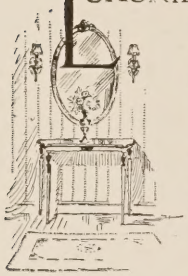
planned for the Greater Comfort Convenience Attractiveness and Economy afforded by Adequate Electric Service



LUXURIES of a few years ago, have become necessary equipment in the well planned home of today. The Modern Home, no matter how small or how modest it may be, is now equipped with many up-to-date features that make it a better place to live in.

Scientific housekeeping is made possible by the use of well known labor saving devices, which have been developed so rapidly in the past few years, that they have not only come within reach of every home of moderate means, but have actually reduced operating costs.

One of the most important points to consider, in planning the successful home, is Adequate Electric Wiring, with a sufficient number of Properly Placed Outlets.

Good Lighting means more than illumination without the aid of a match—carefully selected and well placed lamps and fixtures make the home more attractive and add greatly to its comfort. Properly located switches eliminate searching in the dark for lights, and a number of extra outlets permit the use of labor saving appliances without loss of time or disturbing the lighting arrangement.

The vacuum cleaner, electric iron, washing machine, table appliances and many other electric household conveniences are now con-

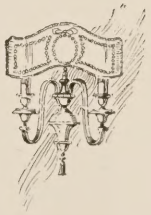
sidered as necessary as water or light in the up-to-date home; and, intelligent provision for their use is as essential as modern plumbing.

This booklet is designed to guide the home builder, who may not realize the importance of providing, *in advance*, for the Electrical Conveniences which he is sure to want in his home. A careful study of the following pages will give many ideas that will be found helpful, whether you are planning a new home, installing electricity in a home already built, or in making additions to wiring now installed.

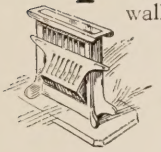
The illustrations show desirable placements and proper methods of using many electric household appliances which are in general use.

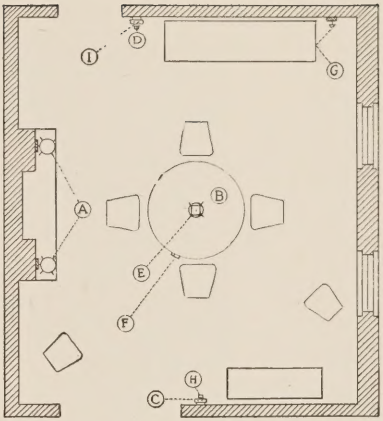
Even though you do not have the appliances now, you will, no doubt, acquire them from time to time, and your home should be equipped to use them to the best advantage. Electric Service increases the value of your property as well as it reduces the cares and enhances the joys of your home.

We will gladly give you any further help that you may desire, without the slightest obligation on your part.



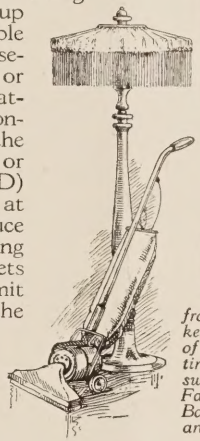
THE Dining Room illustrated typifies an ideal arrangement for electric service. The outlets for lights are placed on the side wall and in the ceiling over the table, (as shown at A and B in the floor plan). Note the wall switches (C and D) placed near the main entrance, and near the pantry or kitchen door, so that the lights may be controlled from either position. The floor outlet (E) under the table permits the use of cooking appliances without reaching up or disconnecting any of the lights—a connection plate (F) may also be placed on the side of the table, for further convenience, if desired. An extra outlet (G) is provided in the baseboard, near the window, for connecting the Electric Fan or Radiator, one (at H) near the entrance, where the Vacuum Cleaner may be easily attached and another (I) near the buffet for cooking appliances on the buffet.

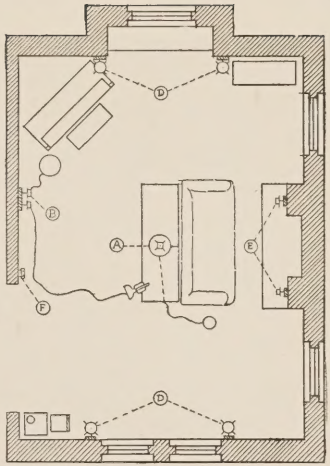




With an Electric Percolator you can make the finest coffee and be sure of serving it hot. The Electric Toaster makes crisp brown toast, as you want it. The Electric Grill, Egg Boiler, and Chafing Dish cook many other delicious dishes right at the table.

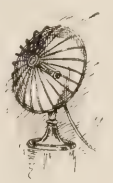
THIS plan of wiring the living room provides everything necessary to make it as attractive and comfortable as one could wish. The outlet in the center of the floor (see floor plan A), provides a ready connection for the Reading Lamp and the Table Lamp. This eliminates the use of long cords or of running the cords up to a fixture above. A double outlet (B) is placed in the baseboard where the piano lamp or electric player piano remains attached, leaving an extra connection always available for the electric fan, vacuum cleaner or phonograph. Wall brackets (D) on either side of the windows, at both ends of the room, produce an artistic and practical lighting effect. Additional wall outlets (E) near the fireplace, permit the use of candelabra on the mantel, or wall brackets, as desired. The lights are controlled from a wall switch (F) placed near the entrance to the room.

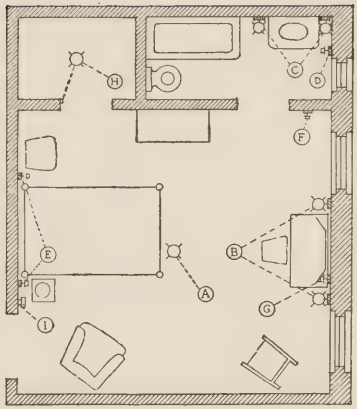




The Vacuum Cleaner takes up all the dirt from rugs, draperies, upholstery, etc. and keeps it in the sanitary bag until taken out of the house. No dirt is scattered, and much time is saved from dusting,—the hard work of sweeping is done away with. An Electric Fan freshens the air and ventilates the room. Both cleaner and fan are easily carried around and attached wherever an outlet is available.

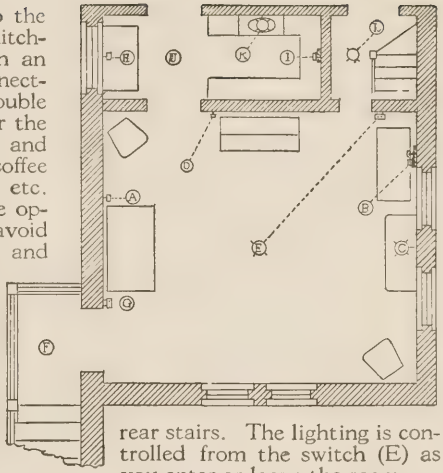
CHEERFULNESS and comfort are greatly increased by ample provision for Electricity in this bedroom and bath. The outlets in the ceiling and side wall (see floor plan A and B), allow plenty of lights in the places where they are always needed for dressing in the greatest comfort. The brackets (C) on either side of the mirror in the bath room are indispensable after they are once used. The outlet (D) near the basin, permits the convenient use of radiator, vibrator, or hair dryer. Two outlets (E) are placed near the bed for connecting the reading lamp, milk warmer, or heating pad, and another (F) near the bath room door for the electric fan or radiator. The wall outlet (G) near the dressing table, is handy for quick use of the curling iron, drying comb or vibrator. The light (H) in the wardrobe is operated automatically with the opening of the door. The lights are controlled from a switch (I) near the entrance, the main bedroom being provided with a master switch which controls the lights throughout the entire house.



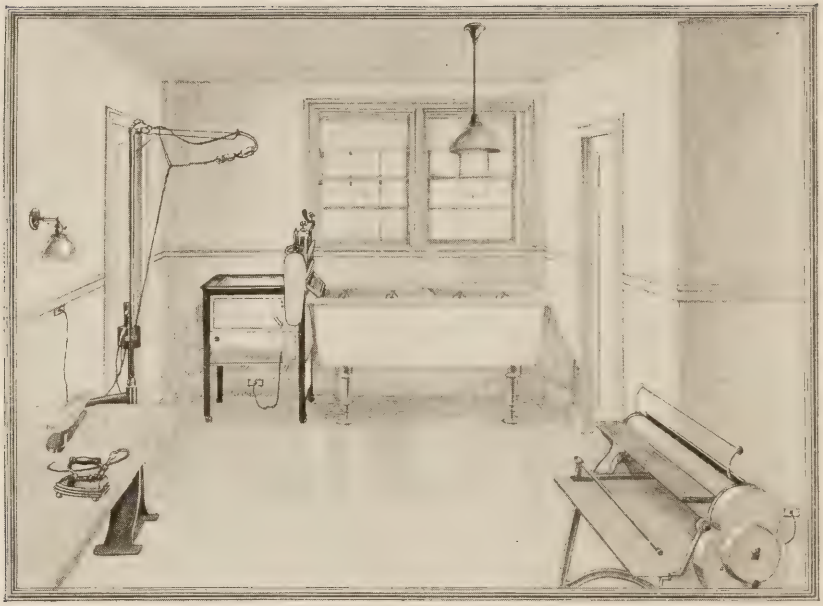


Electrical conveniences such as the Curling Iron, Vibrator, Hair Dryer, Heating Pad, Violet Ray, Milk Warmer, Water Heater, Fan, Radiator, and Reading Lamp make the bedroom a delightfully comfortable place to dress or to spend the last hour or so before retiring.

TIME and effort are reduced to the minimum in this well planned Kitchen. The cooking is done with an electric range, permanently connected. (See floor plan A). A double outlet (B) is provided near the sink for the dish washer, which remains attached, and for connecting the utility motor, coffee grinder, ice cream freezer, cake mixer, etc. An extra outlet (D) is installed on the opposite wall, at a convenient height to avoid bending when attaching the fan and other appliances. The lighting bracket (C) on the wall between the windows, throws the light directly on the sink and dish washer, while general illumination is furnished from the ceiling fixture (E) in the center of the room. A light (F) is installed on the back porch and operated from the switch (G) inside the door. The pantry has an outlet (H) for electric refrigeration and an extra outlet (I) for the portable stove, plate warmer, drink mixer etc. A ceiling light and a lamp bracket (K) afford ample light for the various duties of this room. (L) is an outlet for lighting the rear stairs. The lighting is controlled from the switch (E) as you enter or leave the room.

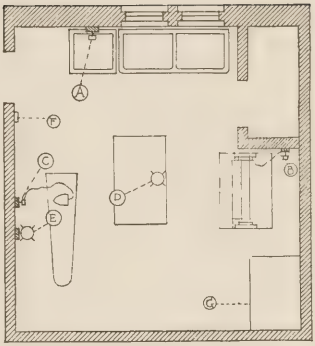


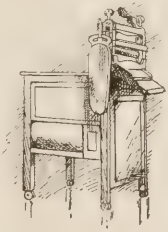
Ample equipment for electric time and labor saving devices is especially necessary in this room or in this branch of the household. Toil, time and expense are saved in the well equipped Electrical Kitchen.



THE Electric Washing Machine pays for itself in a short time, by the hours of labor and the wear and tear on clothes which it saves. The Electric Ironer (Mangle), for all flat work, and the Electric Iron, for small pieces, prevent overheating the room and save many unnecessary steps. They cost but a few cents per hour to operate, and, with proper care, will last a lifetime.

Electric Service in the laundry minimizes the greatest task in all the work of the home. This plan shows an outlet (A) near the tubs for connecting the Washing Machine, an outlet (B) for the Electric Ironing Machine and a wall outlet (C) at convenient height for attaching the Electric Iron. The Electric Fan may also be used from any of these outlets for cooling the air or drying clothes indoors on damp days. The room is evenly lighted from the drop-light (D) in the center of the room, and the ironing board is directly lighted from the wall bracket (E) above it. The lighting is controlled from the switch (F) near the door. Provision is made for the electric clothes dryer (G).





With this equipment, laundry work becomes a systematic, thorough process which eliminates drudgery and waste.

Electric Service in the laundry solves a difficult home problem these days, when satisfied servants are hard to find and laundry costs are so high.

HOW TO DETERMINE THE COST OF USING ELECTRICAL APPLIANCES

The unit of measurement for electric current is the watt or kilowatt (1 kilowatt is equal to 1000 watts). Current is sold by the kilowatt hour; that is, the number of watts or kilowatts used per hour.

Electrical appliances are usually marked, showing the number of watts which they use per hour. This number, divided by 1000 (which reduces it to fractions of the kilowatt), and multiplied by the rate per kilowatt, shown on your electric light bill, will give you the cost of operating the appliance for one hour.

For example; if we have an electric iron, marked 400 watts, we divide the 400 by 1000 and find that 400 watts equals .4 (4/10) of 1 kilowatt. Now take, for easy figuring, a rate of 10 cents per kilowatt and multiply the .4 by .10 which gives 4 cents, the cost of ironing for 1 hour.

The weekly cost of electric light in the average home is 45 cents. The average weekly cost of doing the ironing (5 hours), the sewing (5 hours), the cleaning (6 hours), the family laundry, washing the dishes (for 21 meals), and making toast (for 7 breakfasts) by electricity is only 36 cents.

Electric Service reduces the cost and eliminates the drudgery of housework.

HOW TO SAVE ELECTRIC CURRENT

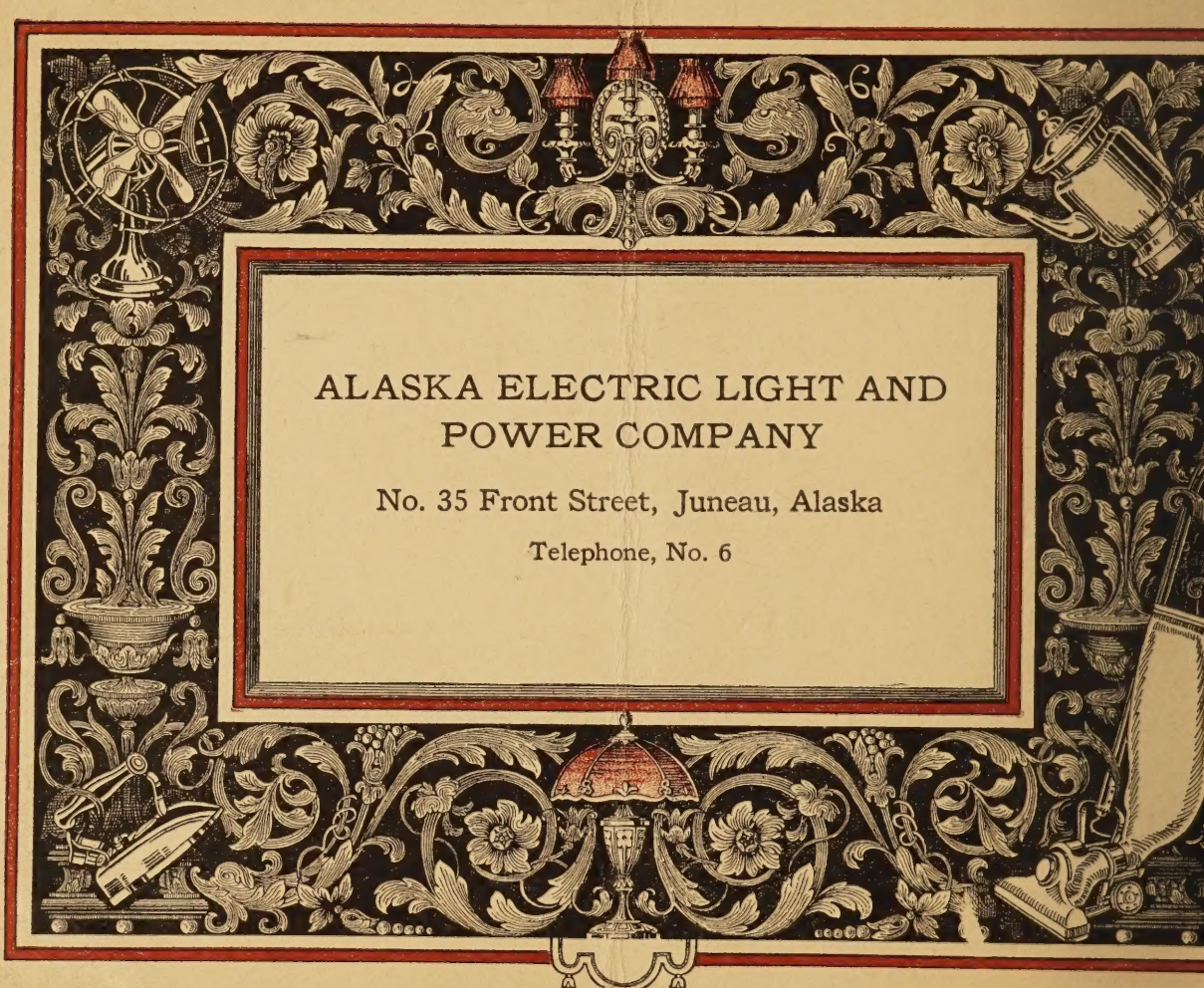
Economy in lighting is effected in three ways; first, by using lights only when and where they are required; second, by using high efficiency lamps; third, by directing and conserving the light produced, with the aid of proper shades and reflectors.

There should be ample light at points where illumination is often required such as for reading, for sewing, at the piano, at the dressing table, etc. Extra outlets for portable lamps or brackets at these points make it unnecessary to light the whole room to undue brilliancy. This method saves current, produces a pleasing effect and avoids straining the eyes.

All heating appliances, such as the percolator, toaster, electric iron, curling iron, etc., should be disconnected as soon as you are through with them. Remember, you cannot see the current when it is turned on in these appliances, and if you forget to turn the switch, the current will be wasted and the appliance may be injured from overheating.

With proper equipment, and by exercising care to avoid waste, Electricity can be employed in a wide variety of household duties at small cost.

All of the features shown in this book may not be required in the average small home, they are shown here to illustrate possibilities and to aid in selecting those best adapted to individual requirements. But, as extra outlets add little to the cost of wiring, they should be adequately provided to take care of the rapidly increasing use of electricity in the home.



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